

Amendments to the Specification

Please replace paragraph [0082] with the following amended paragraph:

[0082] This circuit uses a regenerative divider circuit 94 such as one described above with respect to any one of Figures 3-5, to provide in-phase and quadrature oscillator signals to the ϕ_1 generator 96 and ϕ_2 generator 98. A signal used to generate ϕ_2 in ϕ_2 generator 98 is provided to ϕ_1 generator 96. ϕ_1 generator 96 uses the in-phase and quadrature oscillator signals, and the signal provided by ϕ_2 generator 98 to generate ϕ_2 . The ϕ_1 generator 96 and ϕ_2 generator 98 could be any arrangement of logic or other circuitry required to generate VLO signals as described herein. A large number of co-pending patent applications have also been filed by the Applicant describing various manners of generating such VLO signals. These patent applications include the following: